Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 08 Apr 2021 until 23:59 on Friday 09 Apr 2021

Forecast Issued on Thursday 08 Apr 2021 at 02:39

Confidence: High for general theme, lower for detail in outlook period.

Headline for Thursday 08 Apr 2021: Cloudy with occasional rain, milder than of late.

Mountain weather hazards on Thursday 08 Apr 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Mist	Dull	Light rain	Cloudy	Dull
Precipitation probability					
50%	40%	60%	30%	30%	20%

Forecast for Thursday 08 Apr 2021

Weather: Cloud continuing to thicken this morning brining hill fog and some outbreaks of light rain or drizzle. Staying cloudy through daylight hours with further periods of mainly light rain. Turning drier during the evening but still cloudy.

Chance of cloud free mountain/hill tops above 600m: 10% initially improving to 50% during the day.

Visibility: Moderate to poor with cloud bases down to 300 metres, improving to mainly good during the day as the cloud base lifts and breaks above 600 metres.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 08 Apr 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/25 SW	23/31 W	22/29 W	25/35 W	27/37 SW	29/39 SW	27/36 W
300	16/22 SW	16/23 SW	17/24 W	20/31 W	21/31 SW	23/33 SW	21/30 SW
Valley	8/19 SW	11/23 W	12/25 W	14/29 W	14/31 SW	15/32 SW	14/30 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	3/-3	4/-2	4/-2	3/-4	2/-5	2/-5
300	3/-2	5/0	7/3	7/2	6/1	5/-1	5/-1
Valley	3/0	6/2	7/4	7/4	6/2	5/1	5/1
Freezing Level*	1100m	1100m	1100m	1000m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fresh to strong winds will continue to bring significant wind chill at all levels throughout the day. Wintry precipitation during the early hours will fairly quickly turn to rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 08 Apr 2021	0mm	0mm	0mm

Forecast for Friday 09 Apr 2021

Weather: Breezy and cloudy overnight with rain, turning to sleet or snow for a while during the early hours, clearing quickly southwards after dawn to leave a cold but dry and sunny morning with lighter winds. Cloud increasing again during the afternoon with showers developing, wintry at times.

Maximum wind: North-westerly 25mph overnight but easing during daylight hours Westerly 10-15 mph

Chance of cloud free mountain/hill tops above 600m: 30% overnight improving to 90% during the morning, lowering again to 40% in showers during the afternoon.

Visibility: Moderate in early rain with cloud bases down to 300-400 metres. Becoming very good by dawn with distant hill tops visible, reducing to a few kilometres in afternoon showers.

Temperature: **Valleys:** Zero increasing to Ps 8 Celsius
At 600m: Zero Celsius
Freezing level: 600 metres

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